Customer No. 24498
Attorney Docket No. PD020050 US
Office Action Date: January 8, 2008

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Listing of the Claims

Below is a listing of the pending claims in this application:

1. (previously presented) A method for optimized tracking of an optical scanner along a track of an optical recording medium, the track having information markings arranged in dense succession, and also having fundamental changes in properties in significantly lower density, the method comprising:

generating a track error signal;

detecting an occurrence of a fundamental change in a property of the track;

generating an offset value from a comparison of a value of the track error signal that occurs before the detected fundamental change in property of the track to a value of the track error signal that occurs after the detected fundamental change in property of the track:

generating the track error signal, taking account of the offset value; and repeating the aforementioned steps.

- 2. (previously presented) The method as claimed in claim 1, wherein the detection of the occurrence of the fundamental change in property of the track is effected by detection of a header area.
- 3. (previously presented) The method as claimed in claim 1, wherein the track error signal is generated by a tracking method comprising one of a push-pull method, a three-beam method and a differential push-pull method.
- 4. (previously presented) The method as claimed in claim 1, wherein a different signal that is impaired by a track offset of the optical scanner is generated instead of the track error signal.
- 5. (previously presented) An apparatus for reading from and/or writing to optical recording media including tracks having information markings arranged in dense succession, and fundamental changes in properties that occur in significantly lower

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density, the apparatus comprising:

a track control loop for generating a track error signal;

a track property change detector for detecting a track property change and generating a signal in response to the detection; and

an offset value generator, which, in a manner dependent on the signal generated by the track property change detector, generates an offset value from a comparison of a value of the track error signal that occurs before the detection of the track property change to a value of the track error signal that occurs after the detection of the track property change and feeds said offset value to the track control loop.